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Docket No.: 043395-0377942  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Tac-Woong KOO et al Conf. No. : 9348  
Application No.: 10/748,525 Art Group No: 1634  
Filing Date: December 29, 2003 Examiner: Steven C. POHNERT

Title: METHODS AND COMPOSITIONS FOR NUCLEIC ACID  
DETECTION AND SEQUENCE ANALYSIS

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**AMENDMENT AFTER FINAL ACTION UNDER 37 CFR 1.116**

MS AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the final Office Action mailed February 8, 2010, please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** reflected in the listing of claims beginning on page 2; and

**Remarks** beginning on page 8 of this paper.